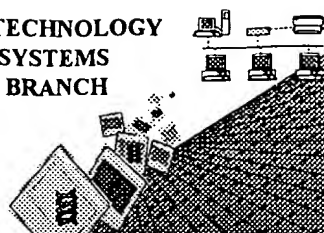


0570
1107

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/584,411B
Source: CIPK
Date Processed by STIC: 11/13/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

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Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
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Revised 01/29/2002



OIFE

RAW SEQUENCE LISTING

DATE: 11/13/2002

PATENT APPLICATION: US/09/584,411B

TIME: 15:46:07

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Output Set: N:\CRF4\11132002\I584411B.raw

5 <110> APPLICANT: Shimkets, Richard
 6 Fernandes, Elma
 7 Hermann, John
 8 Vernet, Corine
 10 <120> TITLE OF INVENTION: Novel Polynucleotides and Polypeptides Encoded Thereby . 1:
 12 <130> FILE REFERENCE: 15966-552
 14 <140> CURRENT APPLICATION NUMBER: 09/584,411B
 C--> 15 <141> CURRENT FILING DATE: 2002-10-24
 17 <150> PRIOR APPLICATION NUMBER: USSN 60/137,322
 18 <151> PRIOR FILING DATE: 1999-06-03
 20 <150> PRIOR APPLICATION NUMBER: USSN 60/189,810
 21 <151> PRIOR FILING DATE: 2000-03-16
 23 <150> PRIOR APPLICATION NUMBER: USSN 60/191,158
 24 <151> PRIOR FILING DATE: 2000-03-22
 26 <150> PRIOR APPLICATION NUMBER: USSN 60/193,086
 27 <151> PRIOR FILING DATE: 2000-03-30
 29 <150> PRIOR APPLICATION NUMBER: USSN 60/201,388
 30 <151> PRIOR FILING DATE: 2000-05-03
 32 <160> NUMBER OF SEQ ID NOS: 93
 34 <170> SOFTWARE: PatentIn Ver. 2.0

Does Not Comply
Corrected Diskette Needed

pp 1, 3-5

ERRORED SEQUENCES

8122 <210> SEQ ID NO: 44
 8123 <211> LENGTH: 252
 8124 <212> TYPE: PRT
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 8130 1 5 10 15
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 8136 20 25 30
 8140 Gly Pro Gly Ala Ala Gln Glu Pro Thr Trp Leu Thr Asp Val Pro Ala
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 8148 50 55 60
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 8154 65 70 75 80
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 8160 85 90 95
 8164 Thr His Tyr Asn Ile Thr Gly Asn Thr Ile Cys Leu Phe Arg Leu Val

RAW SEQUENCE LISTING

DATE: 11/13/2002

PATENT APPLICATION: US/09/584,411B

TIME: 15:46:08

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Output Set: N:\CRF4\11132002\I584411B.raw

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8170	Asp	Asn	Glu	Gln	Leu	Asn	Leu	Glu	Asp	Glu	Asp	Ile	Glu	Ser	Ile	Asp
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8176	Ala	Thr	Lys	Leu	Ser	Arg	Phe	Ile	Glu	Ile	Asn	Ser	Leu	His	Met	Val
8178			130				135					140				
8182	Thr	Glu	Tyr	Asn	Pro	Val	Thr	Val	Ile	Gly	Leu	Phe	Asn	Ser	Val	Ile
8184	145					150					155				160	
8188	Gln	Ile	His	Leu	Leu	Leu	Ile	Met	Asn	Lys	Ala	Ser	Pro	Glu	Tyr	Glu
8190					165					170					175	
8194	Glu	Asn	Met	His	Arg	Tyr	Gln	Lys	Ala	Ala	Lys	Leu	Phe	Gln	Gly	Lys
8196				180					185					190		
8200	Ile	Leu	Phe	Ile	Leu	Val	Asp	Ser	Gly	Met	Lys	Glu	Asn	Gly	Lys	Val
8202			195						200					205		
8206	Ile	Ser	Phe	Phe	Lys	Leu	Lys	Glu	Ser	Gln	Leu	Pro	Ala	Leu	Ala	Ile
8208			210						215					220		
8212	Tyr	Gln	Thr	Leu	Asp	Asp	Glu	Trp	Asp	Thr	Leu	Pro	Thr	Ala	Glu	Val
8214	225					230					235				240	
8218	Ser	Val	Glu	His	Val	Gln	Asn	Phe	Cys	Asp	Gly	Phe				
8220					245					250						

RAW SEQUENCE LISTING

DATE: 11/19/2002

PATENT APPLICATION: US/09/584,411B

TIME: 08:53:39

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\11192002\I584411B.raw

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215 Ser Thr Ile Ser Glu Lys Val Ile Phe Phe Glu Leu Ile Leu Asp Asn
217      115      120      125
221 Met Gly Glu Gln Ala Gln Glu Gln Glu Asp Trp Lys Lys Tyr Ile Thr
223      130      135      140
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241 <213> ORGANISM: Homo sapiens
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284                                     Met Ser Trp
286                                     1
290 ggc acg gag ctg tgg gat cag ttc gac agc tta gac aag cat aca caa 166
292 Gly Thr Glu Leu Trp Asp Gln Phe Asp Ser Leu Asp Lys His Thr Gln
294      5      10      15
298 tgg gga att gac ttc ttg gaa aga tat gcc aaa ttt gtt aaa gag agg 214
300 Trp Gly Ile Asp Phe Leu Glu Arg Tyr Ala Lys Phe Val Lys Glu Arg

```

what about "n" at location 2329?
(see next page)

09/584,411B 4

location 2321

gtngtgcaat cnccttgatca acatctccag cactatngtt cnccttagg tn

2342

<210> 4

g c cactngt

gctng

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/584,411B

DATE: 11/19/2002
TIME: 08:53:40

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\11192002\I584411B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:7; Xaa Pos. 53
Seq#:8; Xaa Pos. 53
Seq#:9; N Pos. 64,65
Seq#:11; N Pos. 22
Seq#:15; N Pos. 56,66,83,104,112,113,135
Seq#:21; N Pos. 1303
Seq#:29; N Pos. 324
Seq#:29; Xaa Pos. 5
Seq#:30; Xaa Pos. 5
Seq#:45; N Pos. 3082

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

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Seq#:1; Line(s) 86,88,90,92,94,96,98,100,102,104,106,108,110,112,114,116
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